



Figure 4: Staff account page

4.4 Question bank

The question bank page is where the staff adds questions. The fields needed to be filled are the subject to which the questions pertain, the questions and the options for the questions. The right option is selected through the radio button selection and it gets marked in the database on successful submission.

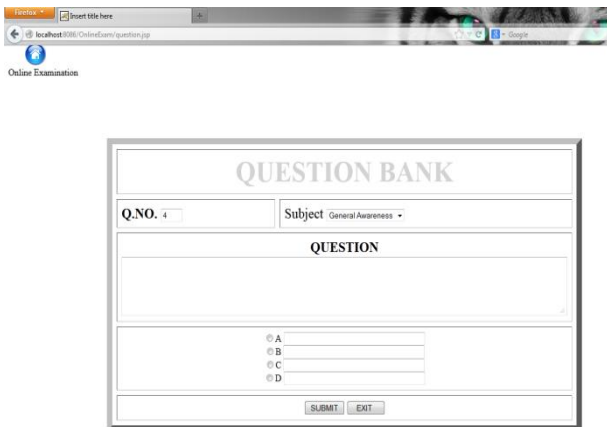


Figure 5: Question bank page

4.5 Student account

The student is taken to a page called the student account page on successful login. The student can take tests and also have an additional function to modify the personal details of their own. Signing off from their account on any of the above cases takes the user to the main home page.

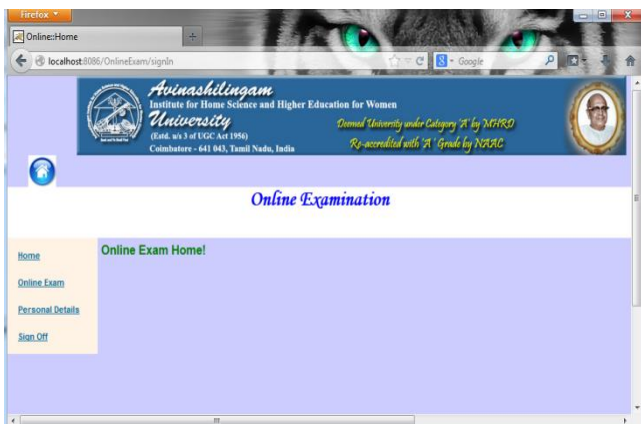


Figure 6: Student account page

4.6 Test page

The student on selecting the option to take tests is taken to the test page. Once the test is started the timer starts running. The timer in this case is set to 60 minutes. An additional attribute attached to this module is the flagging option. The flagging option makes sure that the answers once selected cannot be changed and the same question cannot be answered again.

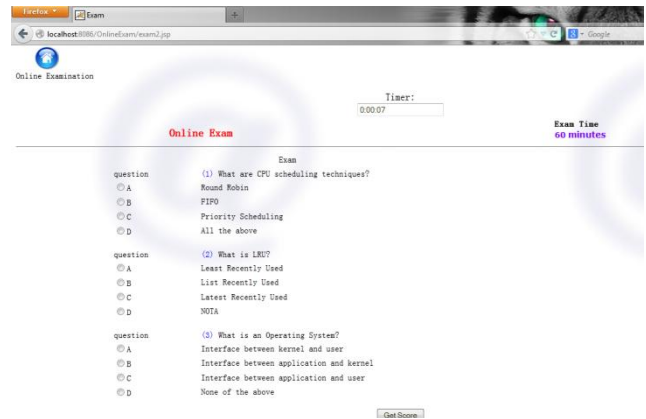


Figure 7: Page for attending tests

5. Conclusion

On the whole the CES is an essential tool for every university, so as to be in par with the growing need for making everything instant and quick. By deploying efficient CES, resources like time, energy to evaluate every single answer sheet and the need to use paper is reduced. As of now most of the competitive examinations are online, so the need to train students to get used to an online testing environment is essential and CES is an excellent platform for this.

6. Future Work

The future work of this paper is to add additional security functionalities like finger print recognition or face recognition to the login module. In addition to it, apart from just testing the students on an objective basis, the theoretical knowledge can also be tested with adding brief answers to the test portal. With the addition of these functionalities the CES becomes an effective online portal for conducting mass examinations.

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